neoColorations 6.9

Module for Adobe Photoshop™

User Guide

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Inèdit Software S.L.

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1. INTRODUCTION

What is neoColorations?

It is a module that allows users to create colorways from a multichannel document. You will be able to create multiple colorways of the same design and to export a single or multiple colorways to a document with customized presentations, to print them afterwards.

Technical Requirements

Macintosh:
Multicore Intel processor or equivalent
Mac Os X v10.5.8 or higher
4GB minimum RAM memory (16GB recommended).
Adobe Photoshop CS4, CS5, 32bits.

Windows:
Multicore Intel processor or equivalent.
Microsoft® Windows XP with Service Pack 3, Windows 7 with Service Pack 1 or Windows 8.
4GB minimum RAM memory (16GB recommended).
Adobe Photoshop CS4 to CS6, 32bits.

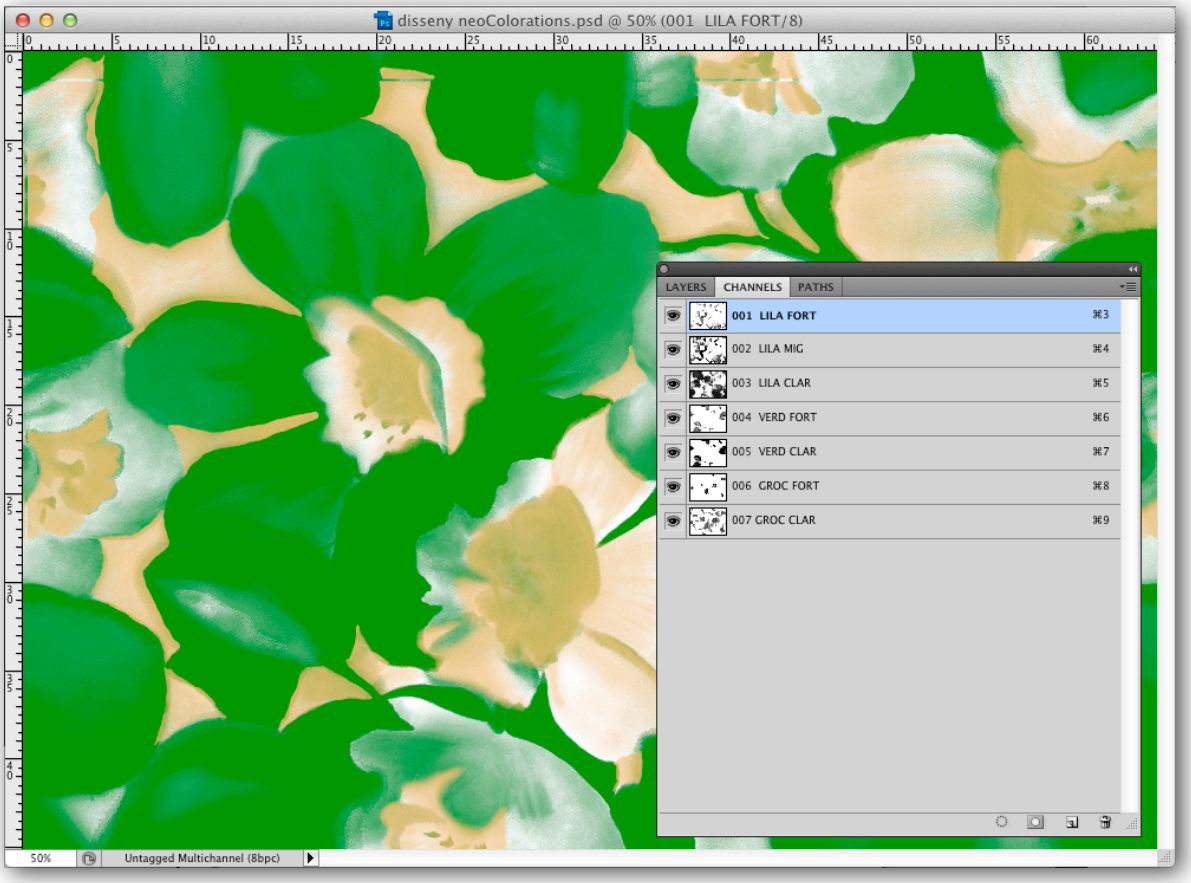
Installation

Open the file "**neoTextil Installer.mpkg**" (Mac version) or "**neoTextil_6.7_Multi.exe**" (PC version), and follow the instructions. The first time you use this module you will be required to enter a code.

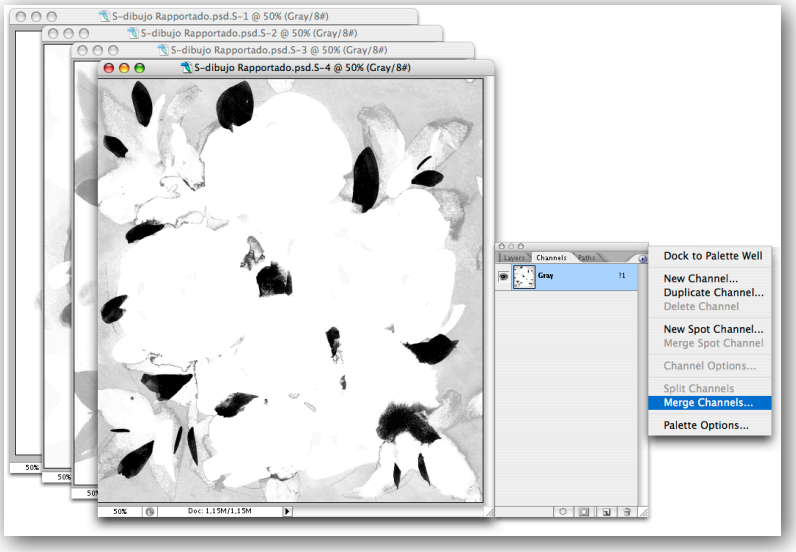
You can run the module in **Demo** mode to test it.

2. STARTING neoColorations

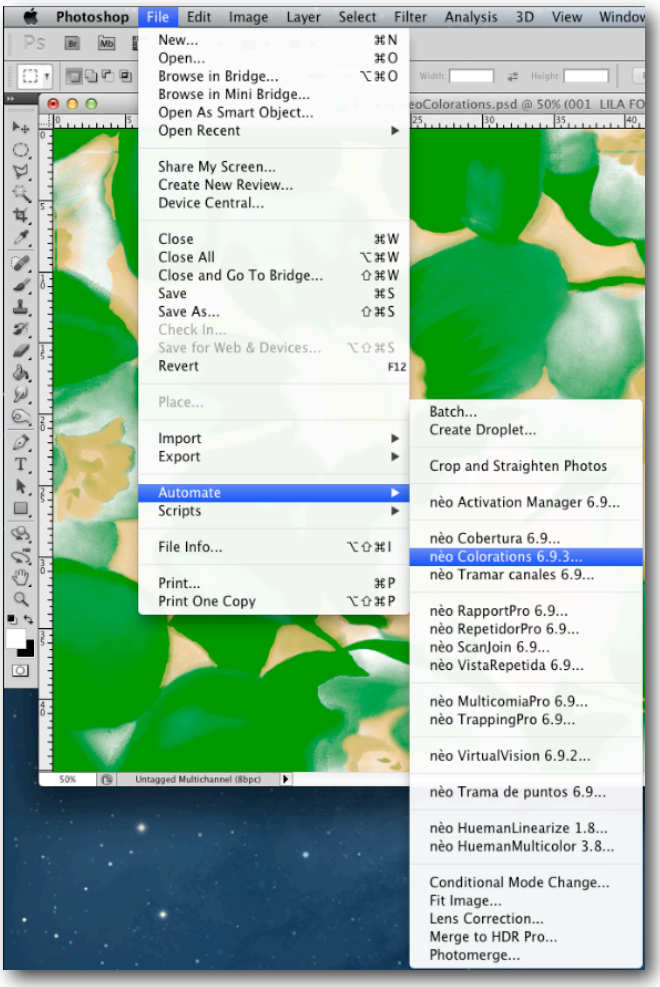
nèoColorations works with multi-channel files, so each separation must come in a separate channel.



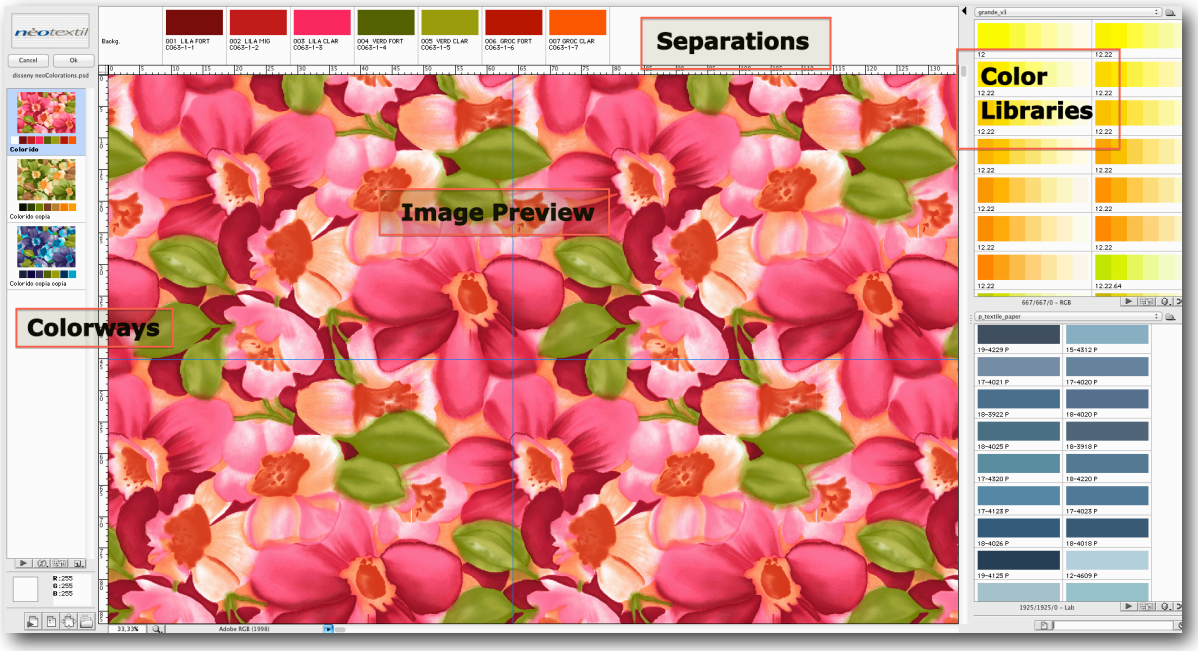
If we have the separations in different documents, we must go the Channels tab in Photoshop and select **Merge Channels.**



Once the image is ready, we open it with the module from **File - Automate - neoColorations** ...



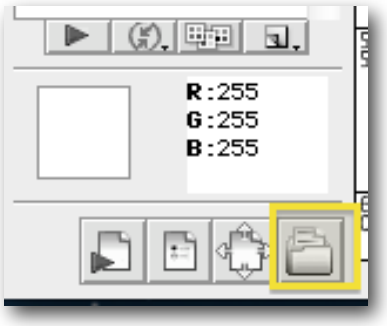
When your design is opened in **neoColorations**, the window looks like this:

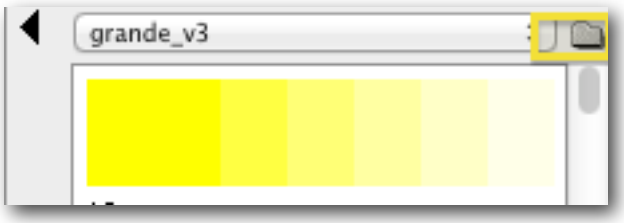


In the module, on the upper left area, we find small scale previews of the **Colorways**, with different configuration options. In the middle there is a big **Image preview**. The list of **Separations** will be placed wherever you want them, and the **Color Libraries** are on the right.

3. OPENING A COLOR LIBRARY

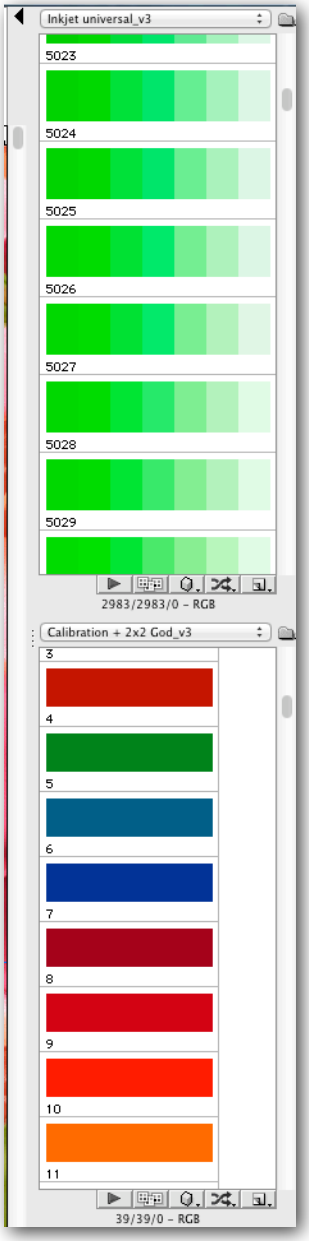
On the buttons situated at the bottom left of the window, select the button . By activating it you open the color libraries manager, situated on the top right side of the window.





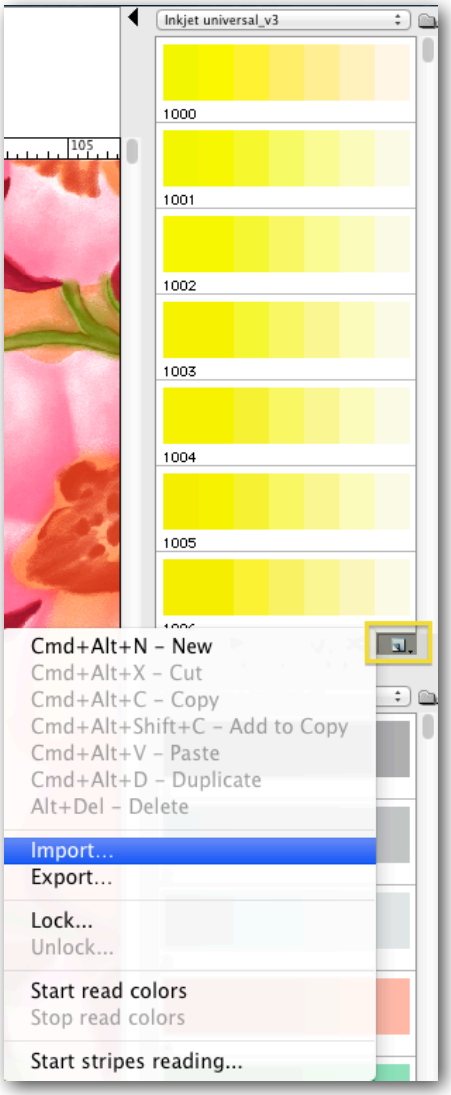
The unfolded menu allows to **Open** a library, and we will choose any with the extension .**vdb .csv .txt**

We can have more than one color library opened at the same time, and select them in the pulldown menu.


Inkjet universal_v3
5023
5024
5025
5026
5027
5028
5029
2983/2983/0 - RGB
Calibration + 2x2 God_v3
3
4
5
6
7
8
9
10
11
39/39/0 - RGB

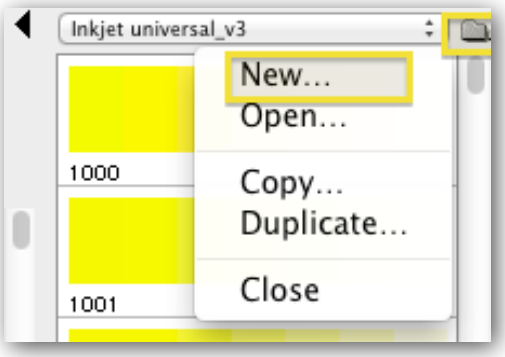
4. IMPORTING A COLOR LIBRARY

Hitting the button on the side of each color library, we can Import libraries. They are files in semicolon separated values, of .**csv** .**txt** format.

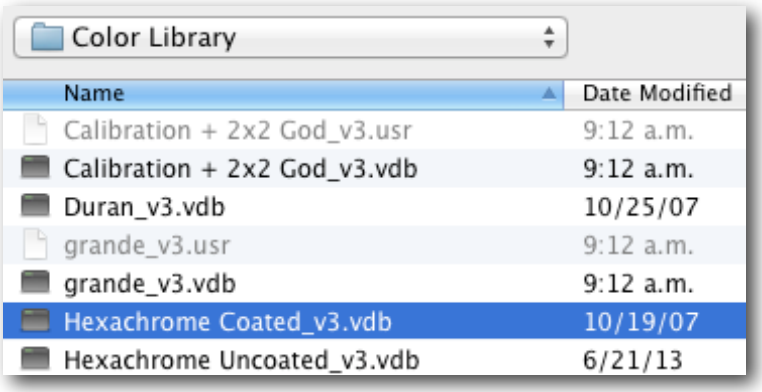


5. CREATING A COLOR LIBRARY

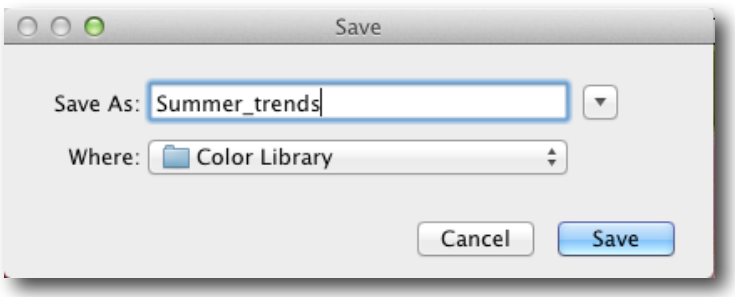
From the library menu, select the button New to create a customized library.



Select any existing color library that will serve as layout for the new library, and click on **Open**, on the right bottom of the window.

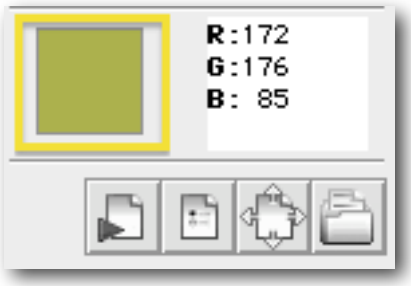


A small window will pop-up, where you can give it a name:

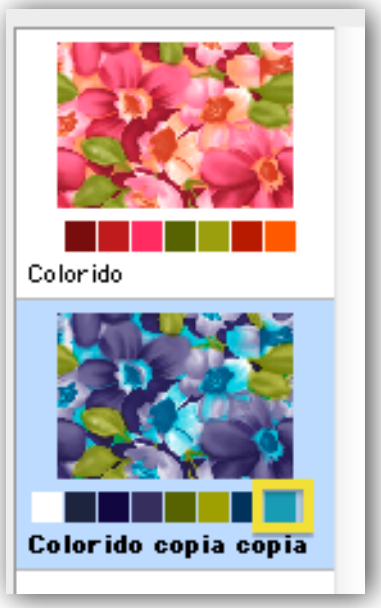


You can include as many colors from other libraries as you like, selecting and dragging them to the new space. When the color is in the space, this will become highlighted, and then you must click the key ⌘**(mac)** or **ctrl(pc)** so that it stays.

Colors from the designs can also become part of the new library. Just select them with the color picker, and they will show on the bottom right part of the window.Then drag it as explained before.

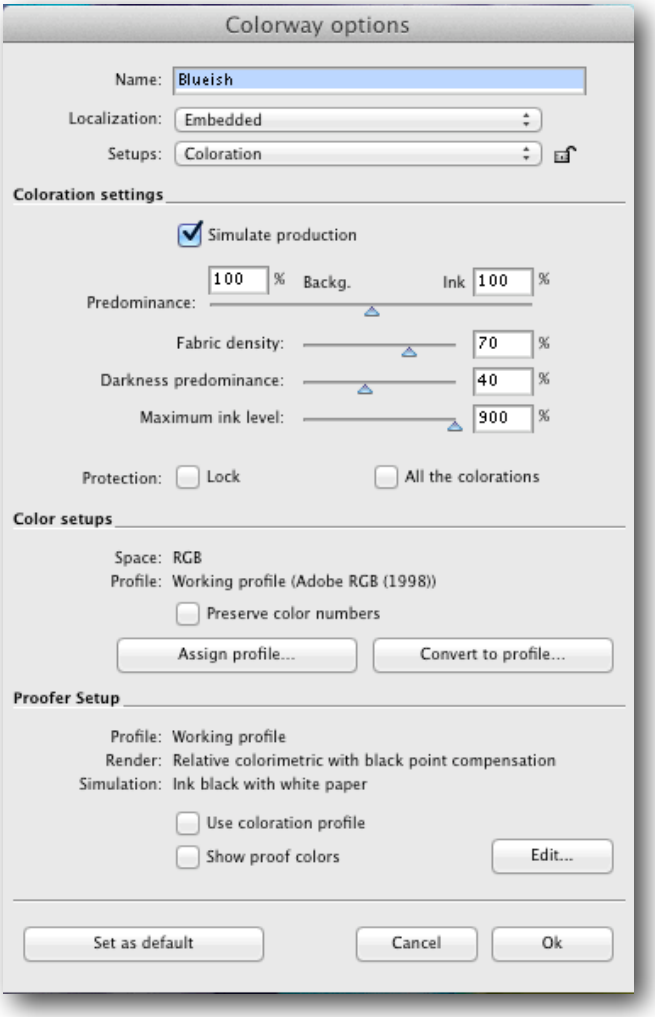


One last option to include colors on a library is selecting them from the preview colorways on the right, and proceed with the dragging.



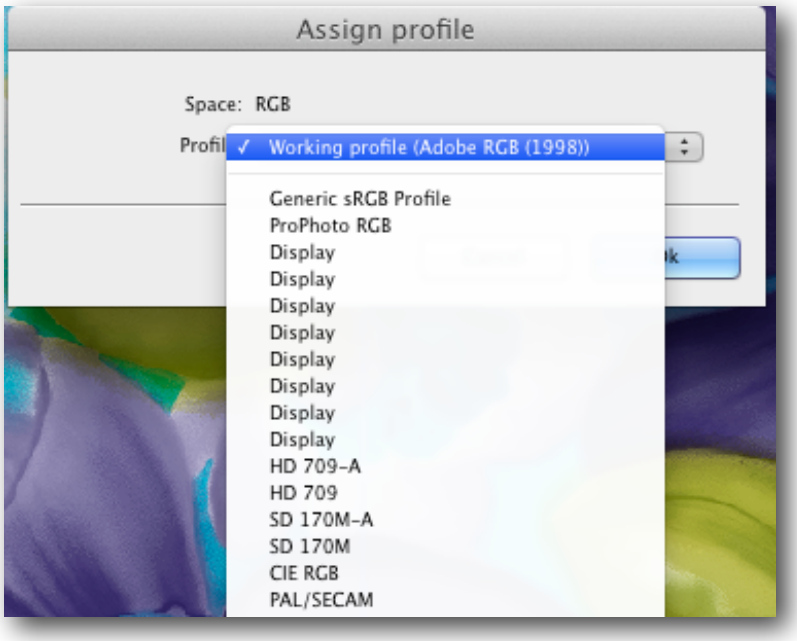
6. COLOR MANAGEMENT

Double click on a **colorway** to open the **Colorway options** window.



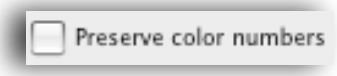
With the **Color setups** options you can determine the space and profile that you need.

If you choose to **Assign profile**, click on the button and choose the one you want from the list that unfolds.

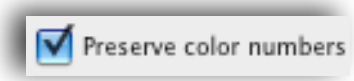


The **Preserve Color numbers** option maintains the colors in a new profile. The colors will change to the new profile if the option is not selected.

For example:

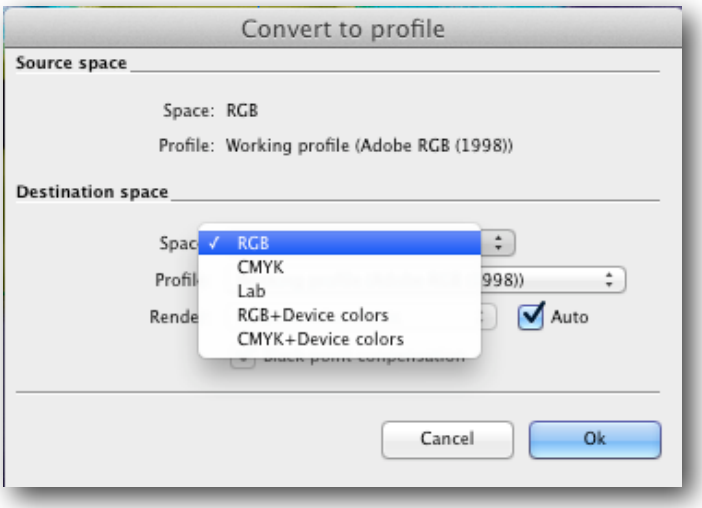


If you convert the value RGB (255,0,0) from the profile 'A' to 'B' it changes to a new value RGB (233,5,0) keeping the same coloration.



If you assign the value RGB (255,0,0) from the profile 'A' to 'B', the value RGB is the same but the color will change.

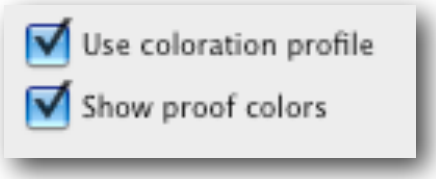
The **Convert to profile** option opens a new window to choose a new destination space.



Using the options in the **Proofer Setup** -printer simulation- you determine the color space options on the printer, so that **neoColorations** can show the color samples:

Ticking on **Use coloration profile** the simulation parameters will be automatically updated.

If you select **Show proof colors** you can see the printer simulation on the screen.



Once the changes are done, if you need to keep the same parameters on all new colors, just select **Set as default**.

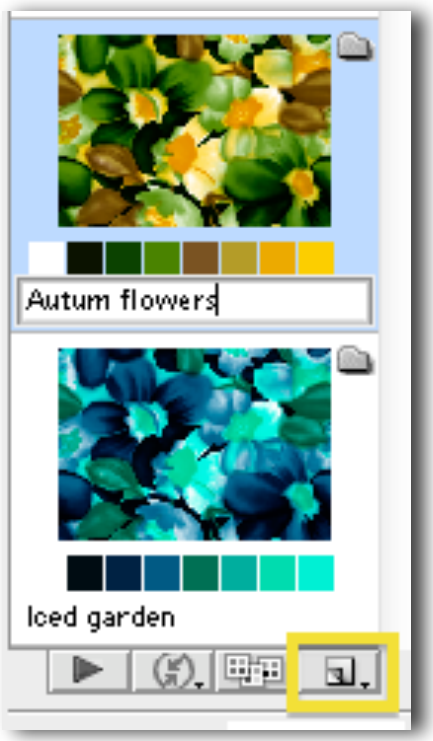
To save all changes click **Ok**.

If you have configurated the **Proofer profile** to Simulate the printing, you will see now the color chips divided in two.

The top triangle shows the color assigned in the channel, and the bottom triangle shows the color that will be printed.

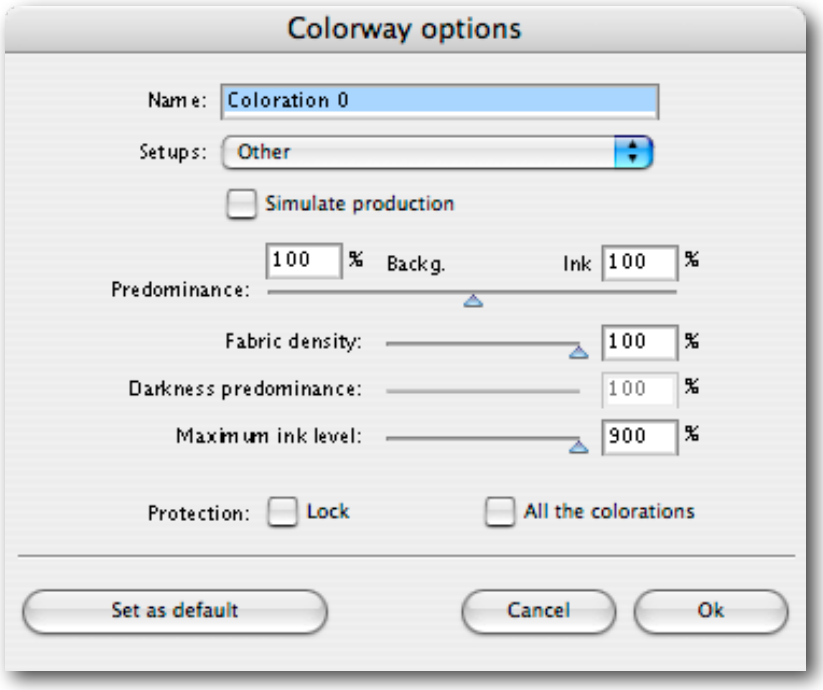
7. CREATING COLORWAYS

Select **New** from the colorways menu, or press ⌘**+N** to create a new colorway. .



Double-click on the **name** of a colorway to edit it.

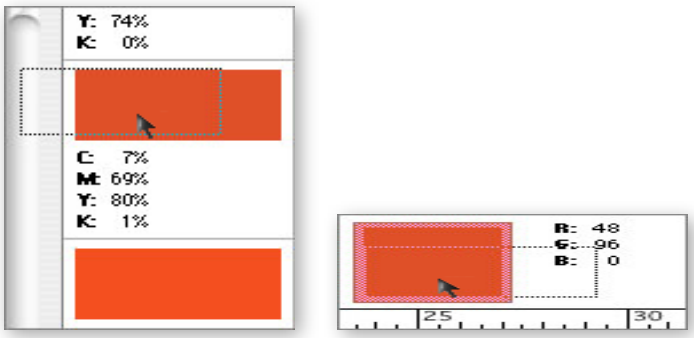
Double-click on a colorway and the **Colorway options** dialog box appears. There you can assign a name, **simulate production** and adjust the **fabric density**, **dark colors predominance** and the **ink level**.


Colorway options
Name: Coloration 0
Setups: Other
Simulate production
Predominance: 100 % Backg. Ink 100 %
Fabric density: 100 %
Darkness predominance: 100 %
Maximum ink level: 900 %
Protection: Lock All the colorations
Set as default
Cancel
Ok

8. ASIGNING COLORS FROM A LIBRARY

There are several methods to assign a color to a separation from the library of colors:

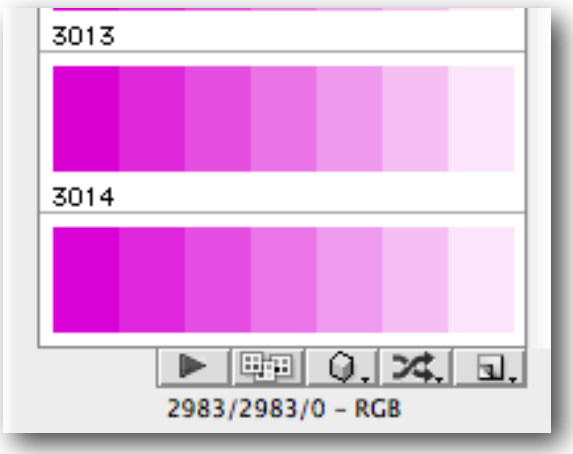
1- Select the color from the library and drag it on the color of the separation.



2- Select the color from the library and press **Ctrl** + click on the separation (Mac) or use the secondary mouse button (PC).

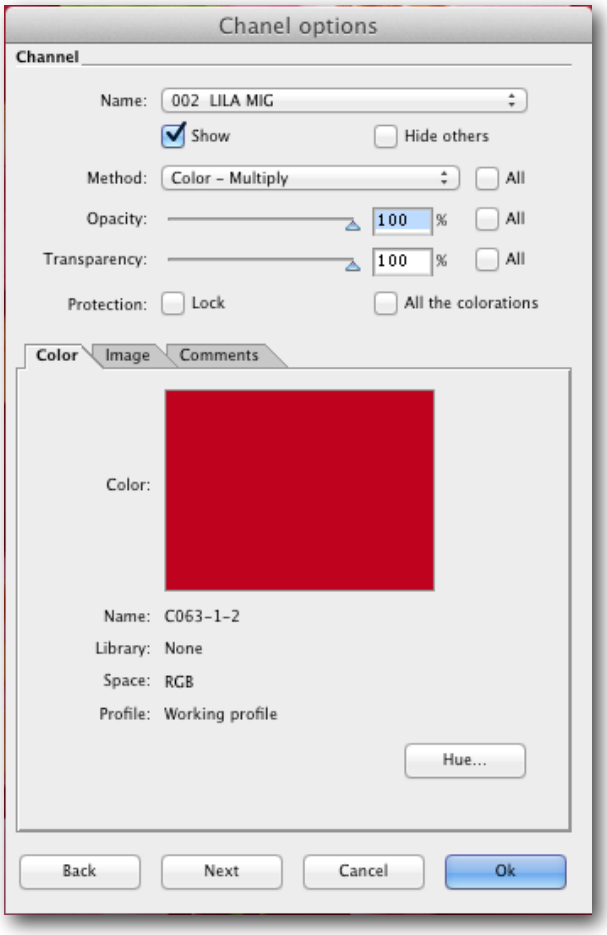
3- Use the keyboard to select the color from the library and press **Alt+Intro**.

If you have a library with degraded colors, the most intense color will be applied. If you want to apply a lighter tone, select it twhile pressing the **Alt** key.

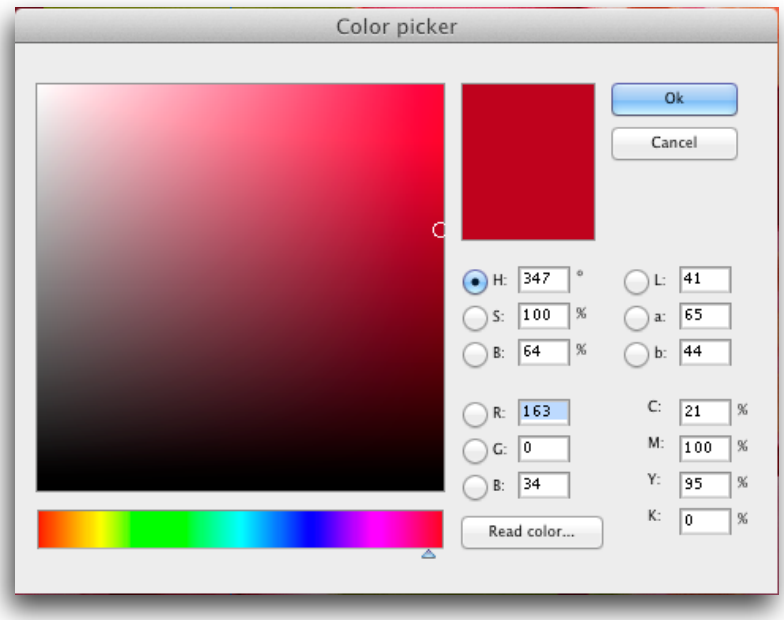


9. ASSIGNING COLORS FROM A COLOR PICKER

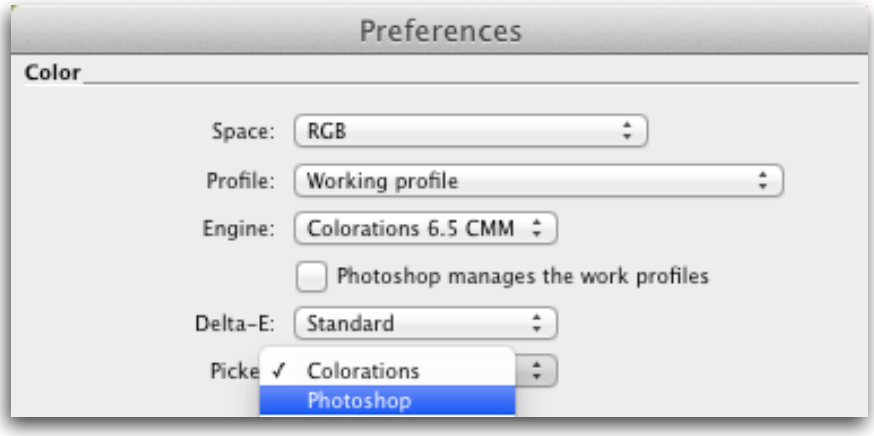
Double-click on a color of a **separation** and you will access the Channel Options window.



Double-clicking on the new color patch, and the **Color picker** will pop up:



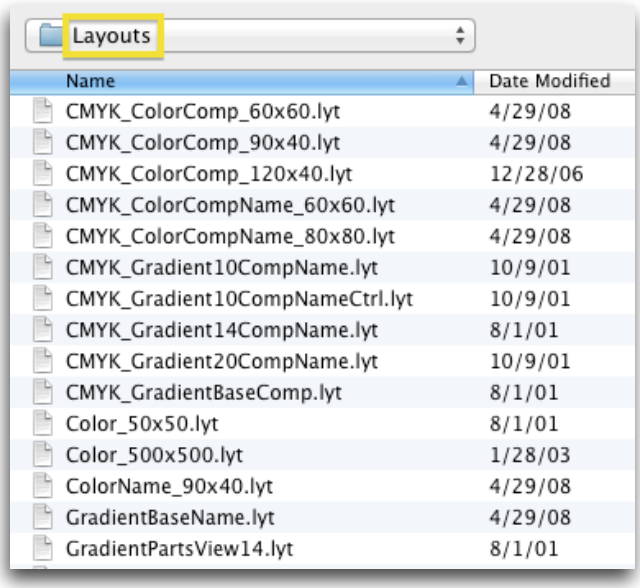
You can choose from nèoColorations or Photoshop color pickers. Access the Preferences window from the button on the bottom left part of the main window:



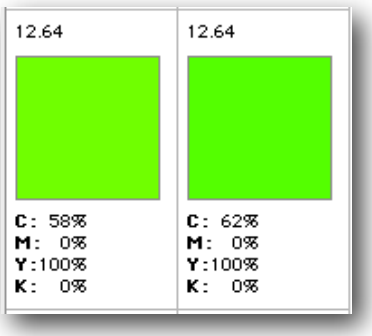
10. CUSTOMIZE COLOR LIBRARIES

Click on the following button from the options under any library.

From the layout options, choose the one you want to use. Notice that the extension of layouts is **.lyt**



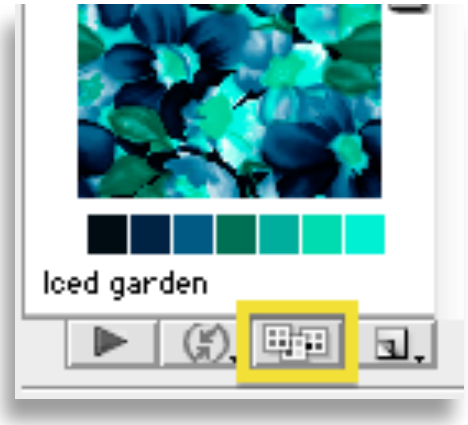
An example of **CMYK** presentation in the **library of colors**:



Note: In the **Layouts** folder you can select the **Standard_ColorLibrary _small.lyt** presentation if you are not sure what other library to choose. As its name indicates, it is a model layout.

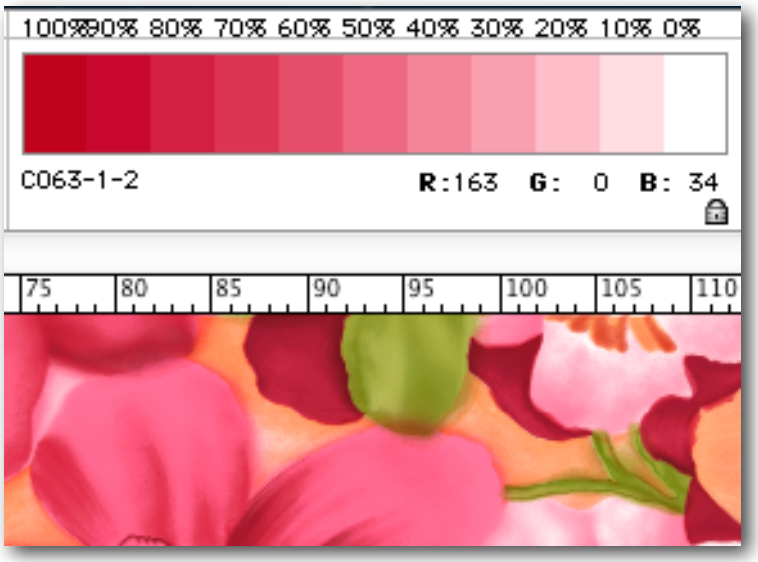
11. CUSTOMIZE SEPARATIONS

Click on the following button under the small preview colorways:



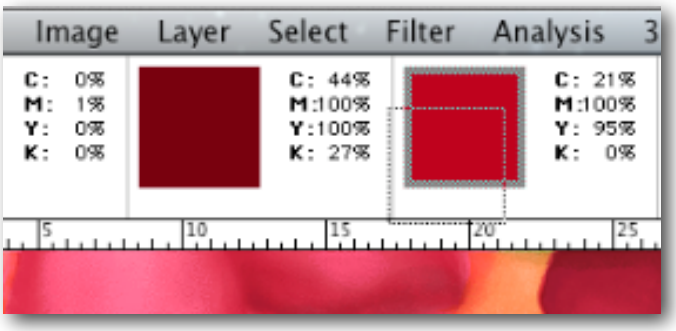
Opens the Layouts folder where you can choose the one you like.

An example of **RGB** presentation in the **separations**.



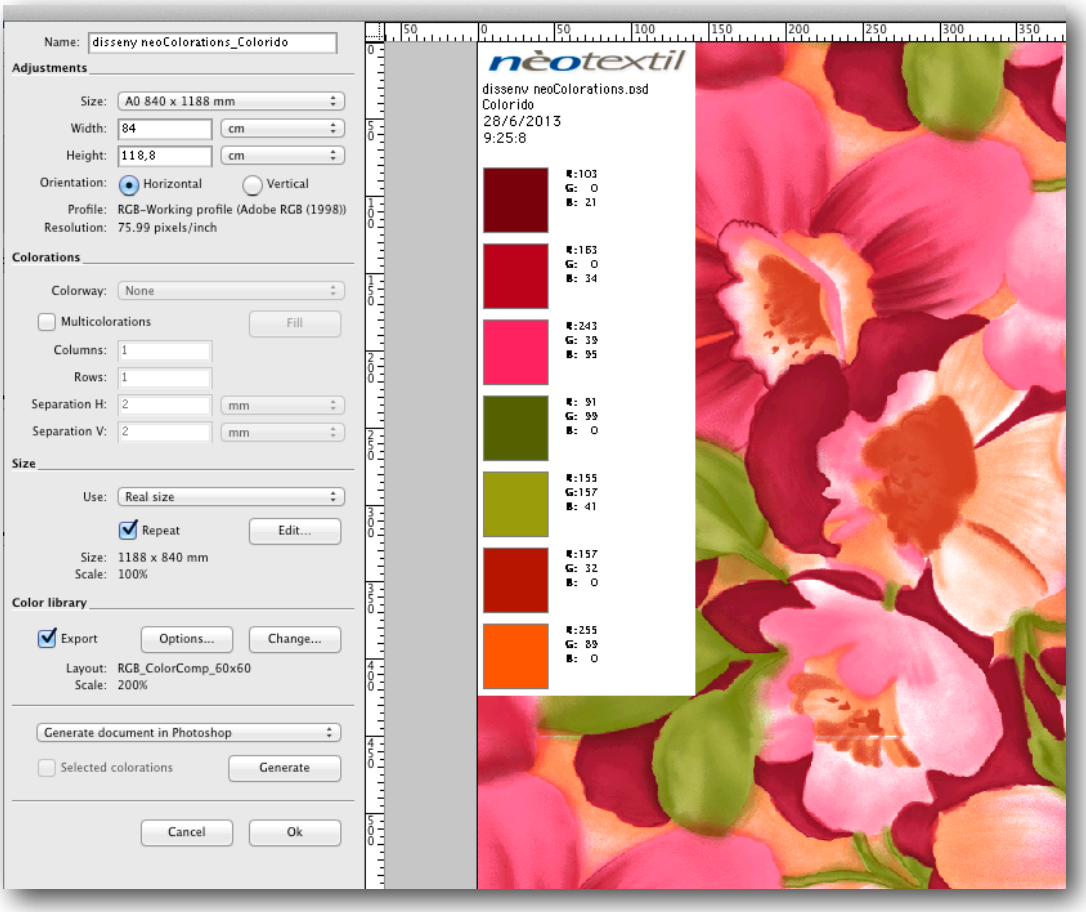
12. EXCHANGE COLORS FROM SEPARATIONS

Drag the color of one separation onto the other by pressing the ⌘(Mac) key or the **Ctrl** (PC) key to **exchange** the separations.



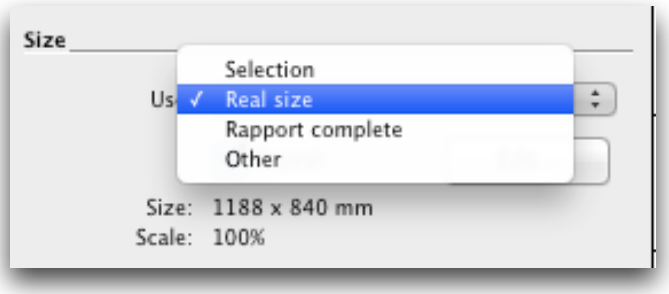
13. PRINT COLORWAYS

Select the button ▶ to generate **Colorways**.

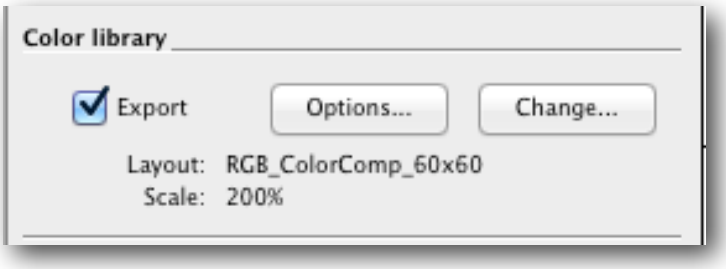


Set the values in the different groups of the **Colorway** window: **Adjustments**, **Colorways, Size** and **Color Samples**.

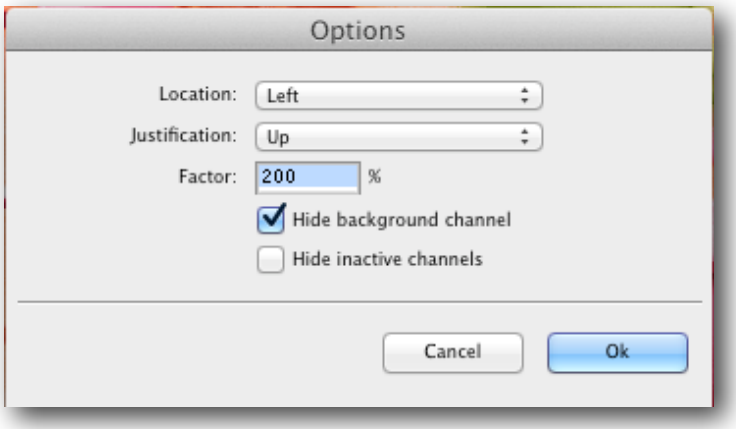
In **Size**, a short list with options of the size of the design preview unfolds:



The **Color Library** options are to set the position and size where we want the color patches in the design, or we even if want them -Export box ticked or not-.

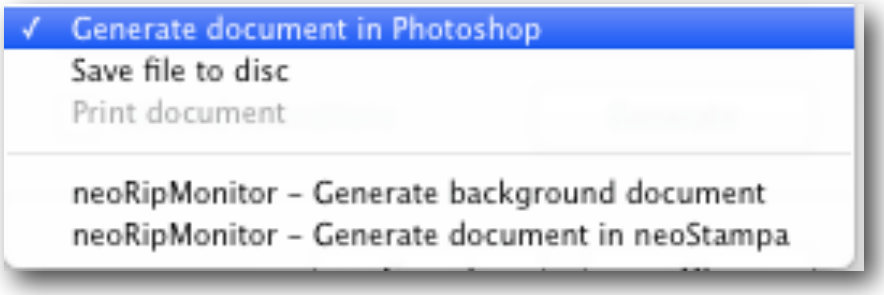


The **Options** button opens up a window to select position of the Color Library:



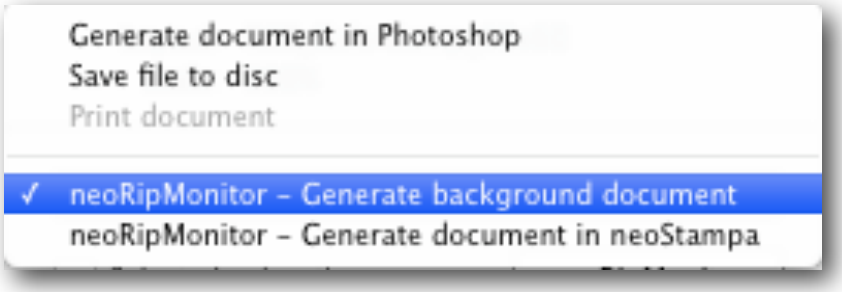
And clicking on **Change** we are taken back to the list of library files with extension .**lyt**, in case we want to change them.

In the final section of the printable colorway there are several options to save the document:

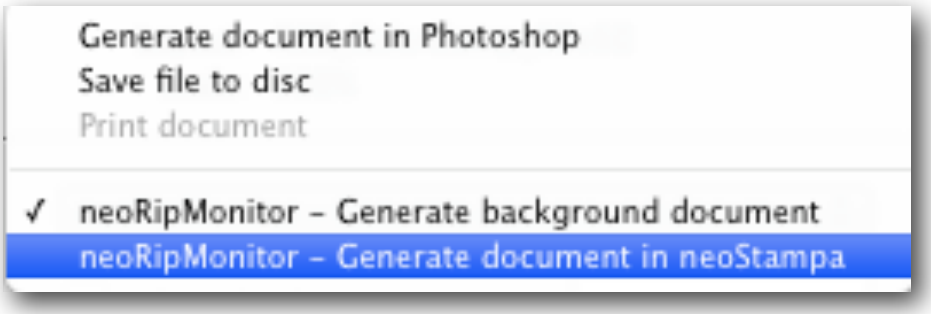

✓ Generate document in Photoshop
Save file to disc
Print document
neoRipMonitor – Generate background document
neoRipMonitor – Generate document in neoStampa

With the above option the program generates an open document in Photoshop, at the same that saves a copy in the hard disk.

The next highlighted options will generate a background document **.psd** that can be used both with Photoshop and neoStampa.

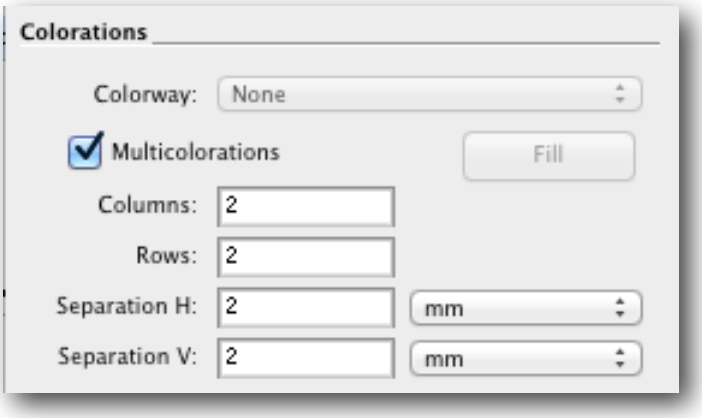

Generate document in Photoshop
Save file to disc
Print document
✓ neoRipMonitor – Generate background document
neoRipMonitor – Generate document in neoStampa

A job **.xjb** can also be generated which is for the exclusive use with nèoStampa:


Generate document in Photoshop
Save file to disc
Print document
✓ neoRipMonitor – Generate background document
neoRipMonitor – Generate document in neoStampa

14. PRINT MULTIPLE COLORWAYS

Select the button ▶ to generate Colorways, and go to the **Colorations** section:



Choose the option Multicolorations and set as many Columns and Lines as you want to define the separation, giving values to **Separation H** and **Separation V**.

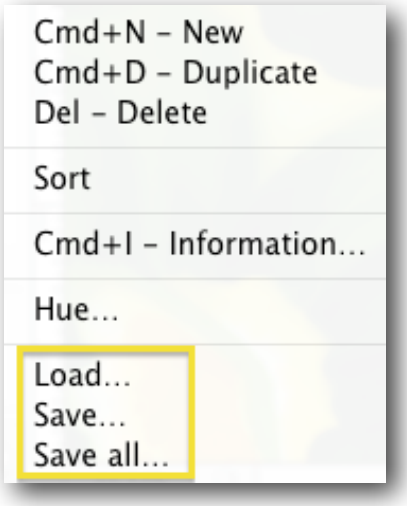
Take into account that you need to have the first small preview selected in order to view all the colorways. This means that if you have the second preview selected, and you have 4 colorways, only the two last ones will be generated.

The following image illustrates how a preview may look like:

15. EXPORT AND IMPORT COLORWAYS INFORMATION

In the **New** menu select the option **Save** to save or export a file with information about the chosen colorways in .**ccl** format file (only will be exported the selected colorways).

Select the option **Load** to load the Colorways files in .**ccl** format.

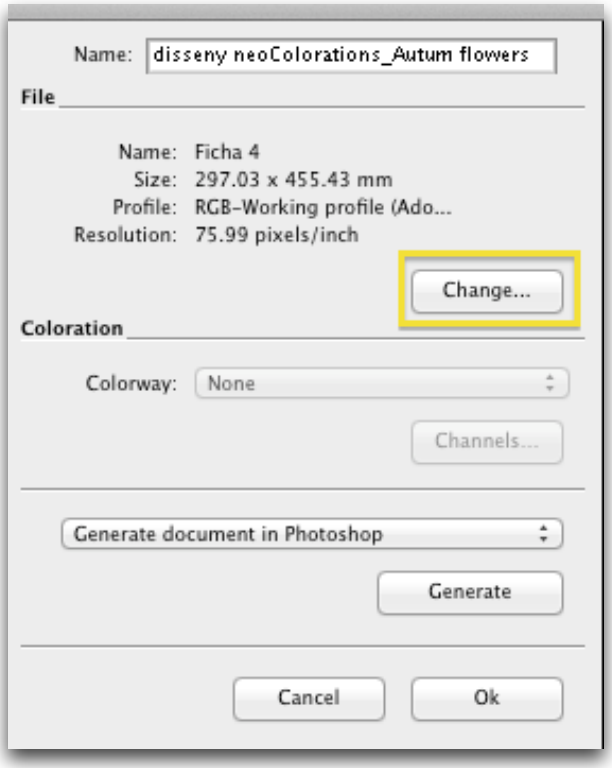


Select the option **Save Al**l to save a file with information about all the colorways in .**ccl** format in the same document.

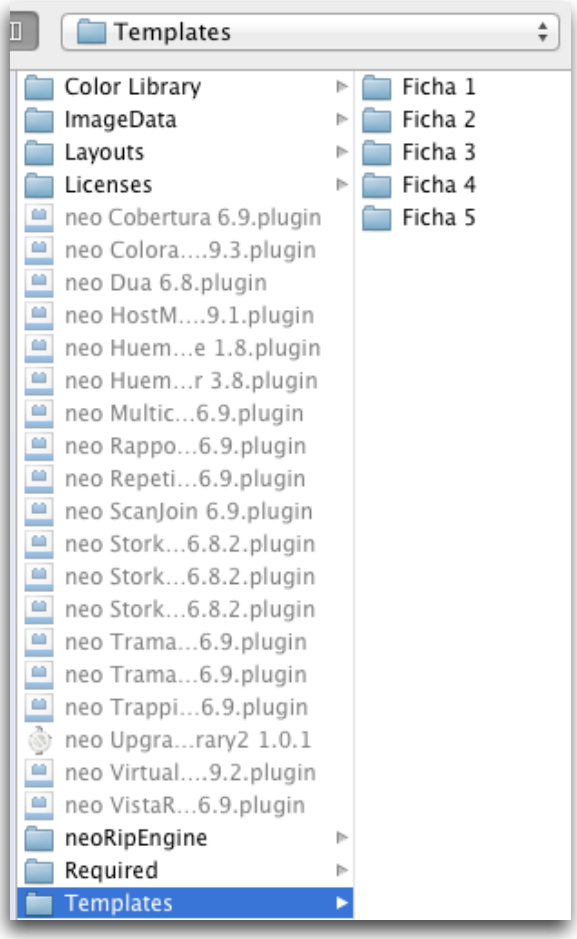
16. CREATE AND EXPORT TECHNICAL CARDS

A **Technical card** is used to prepare and present several colorways in a customized way, vary the size of the color chips, the size of the colorways and enter the company logo.

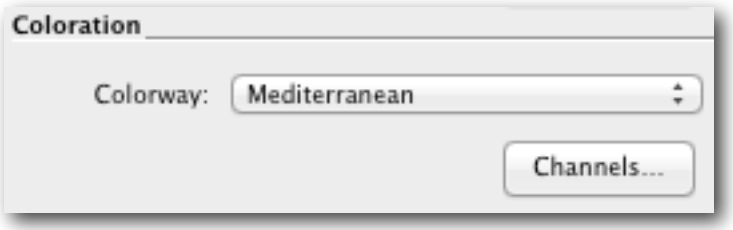
Select the button to open a **Layout**. The next dialog is situated on the left of the scren:



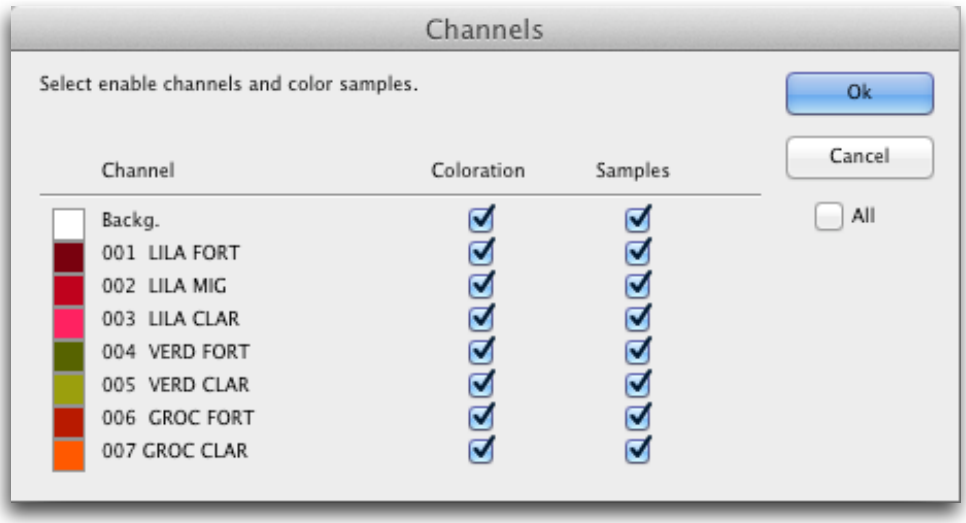
Clicking on the **Change** button you will access the computer's location with Templates:



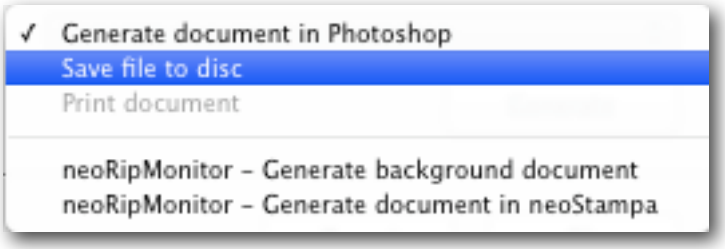
When you select a colorway from the preview window, the options for Coloration in this dialogue become active. You can change the colorations within the layout.



Clicking on channels, a window pops up where you can manipulate colors both in the designs or only in the samples:

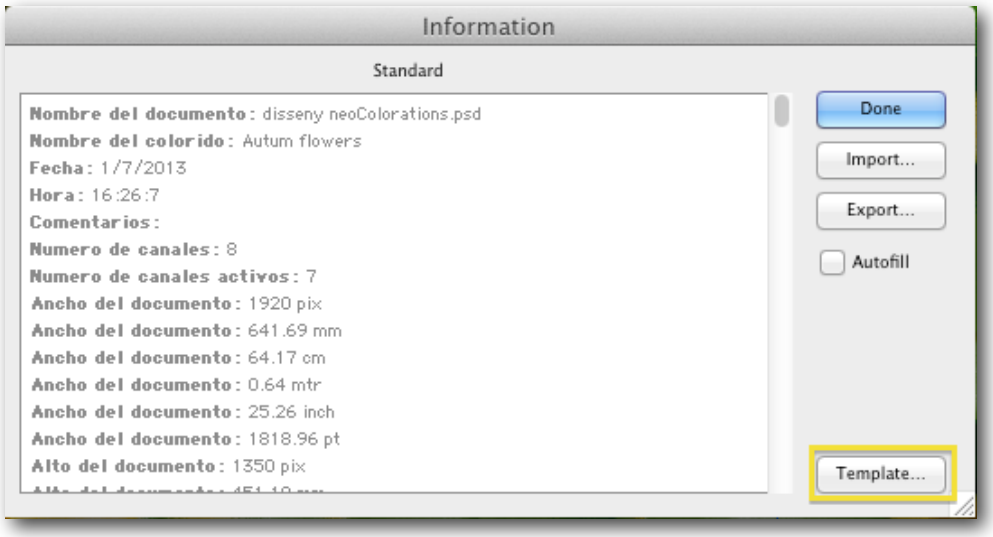


Finally, there are several options to generate the job, which were explained before in this manual, on section 13.


✓ Generate document in Photoshop
Save file to disc
Print document
neoRipMonitor – Generate background document
neoRipMonitor – Generate document in neoStampa

17. EDIT TECHNICAL CARD'S INFORMATION

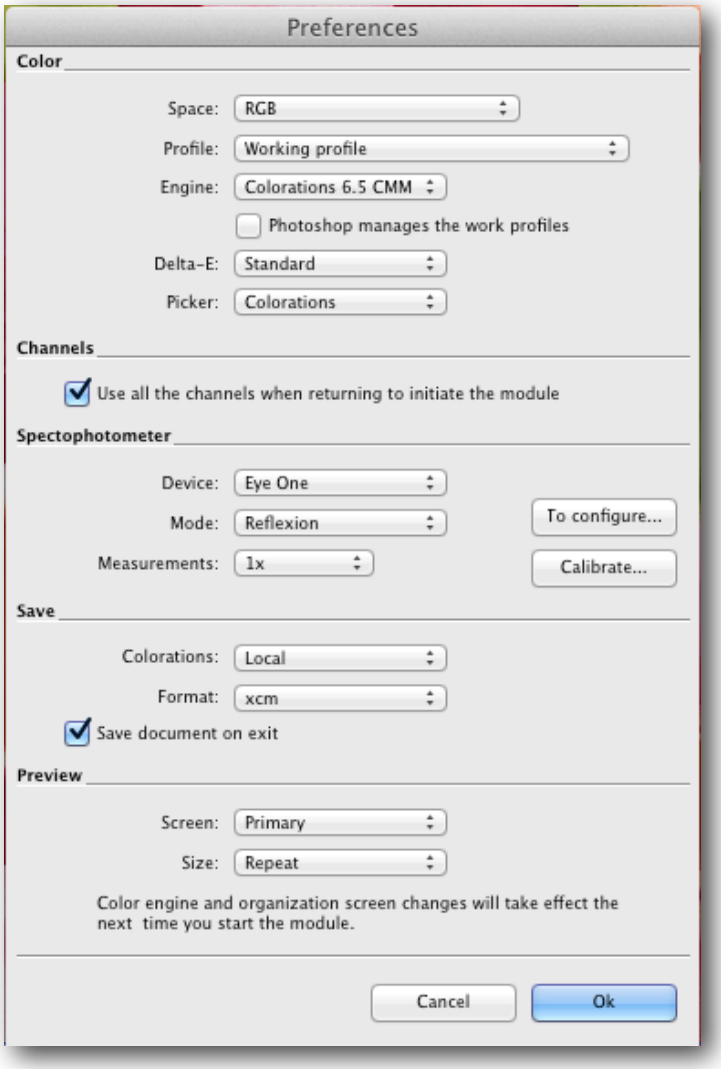
In the **New** menu select the option **Information** that shows a layout with the image information that will appear in the layout.



The option **Template** opens an .id layout with information about the user.

18. ASSIGN COLORS WITH AN SPECTROPHOTOMETER

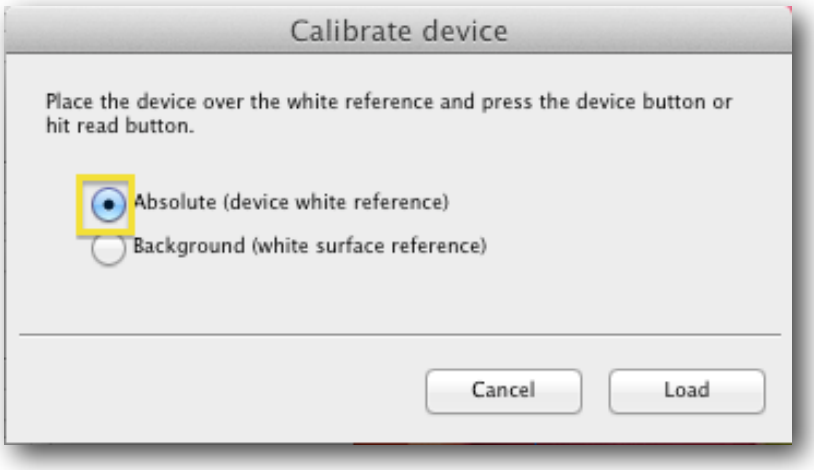
Select the button **Preferences** to have access to the following dialog:



In **Spectrophotometer**, you can choose the **Device** to read a color directly on textile or on paper. You also have the option to make readings with UV filter.

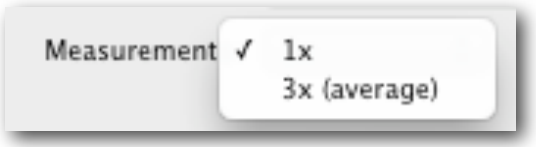
You will have to calibrate the white reference only the first time.

Connect the Spectrophotometer and place the cursor on a color chip and double-click at the same time you press the ⌘**+ Alt** key (on a Mac) or the **Ctrl+Alt** key (on a PC) place the reader in a white space and press **Absolute**.


Calibrate device
Place the device over the white reference and press the device button or hit read button.
Absolute (device white reference)
Background (white surface reference)
Cancel
Load

The readings can be **Simple** or **Triple**.When you select Simple the device will read the color reference directly on the color.

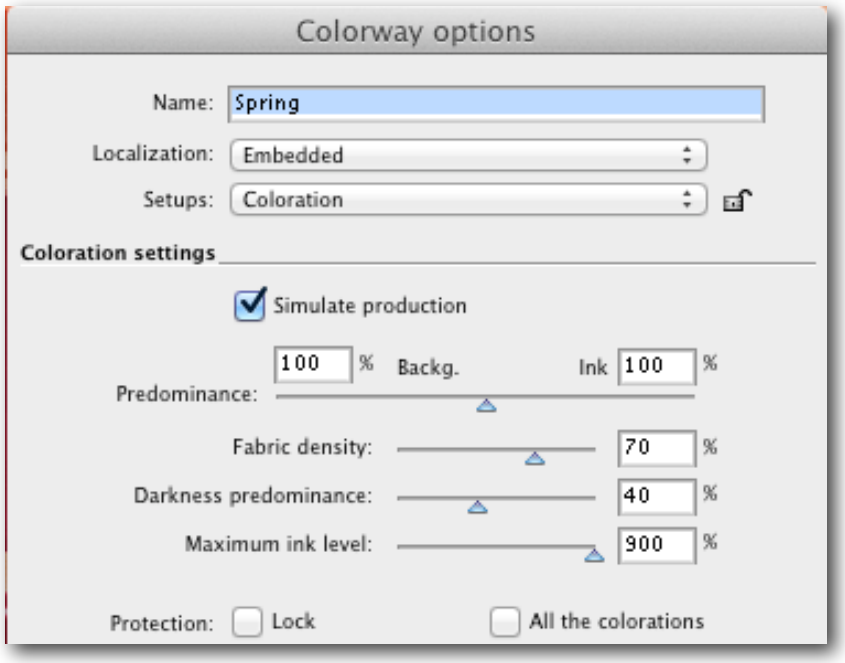
The Triple option makes three readings and provides an average value based on them.



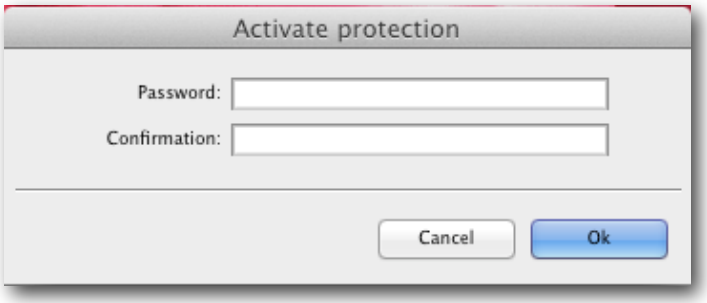
Place the reader on the color surface you want to read:

19. PROTECTION OF COLORWAYS

Using the **Colorway Option** menu you can protect one or more colorways. Double click on a colorway to open the following window:



If you select **Lock Protection** and hit ok, another window will open to create a password.

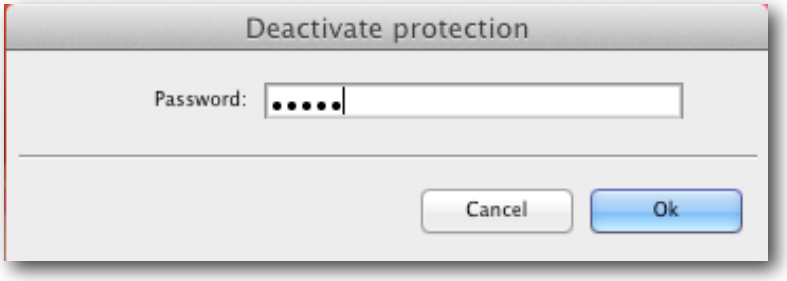


You have two options:

1) **Soft lock -** To leave the fields empty.

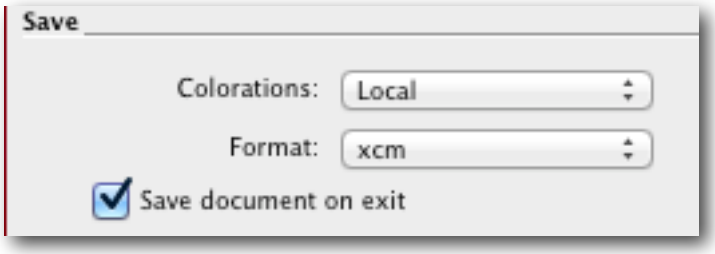
You will just need to click on Unlock to desactivate.

2) **Hard lock**- To desactivate the lock you need to enter the previously chosen password.

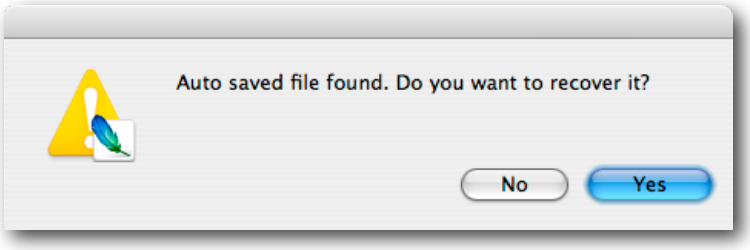


20. SAVE DOCUMENTS

Select **Preferences**, and in the section **Save**, select the option Save the document before exiting.



A back-up copy of the colorways is automatically saved every 30 seconds. If by any chance the program Photoshop shuts down unexpectedly, when you enter again into the module the following message box appears:



21. KEYBOARD OPTIONS

Left arrow:	Select previous separation.
Left arrow+Shift:	Add previous separation to the selection.
Right arrow:	Select next separation
Right arrow+Shift:	Add next separation to the selection.

Shortcuts for the selection of colorways:

Up arrow:	Select previous colorway.
Up arrow+Shift:	Add previous colorway to the selection.
Down arrow:	Select next colorway.
Dow arrow+Shift:	Add next colorway to the selection.
Page Up:	Move up one page.
Page Down:	Move down one page.
Home:	Display the top of the library.
End:	Display the bottom of the library.
Left arrow+Alt:	Select previous color.
Left arrow+Alt+Shift:	Add previous color to the selection.
Right arrow+Alt:	Select next color.
Right arrow+Alt+Shift:	Add next color to the selection.
Up arrow+Alt:	Select previous color.
Up arrow+Alt+Shift:	Add previous color to the selection.
Down arrow+Alt:	Select next color.
Down arrow+Alt+Shift:	Add next color to the selection.
Page Up+Alt:	Move up one page.
Page Down+Alt:	Move down one page.
Home+Alt:	Display the top of the library.
End+Alt:	Display the bottom of the library.

Assign a color from the library to the chosen channel of the colorway:

Alt+Intro:	Assign the color to the separation and select next separation of the same colorway.
Alt+Shift+:	Assign the color to the separation and select the same separation of the next colorway.
Ctrl or ⌘+ N:	New colorway.
Ctrl or ⌘+ D:	Duplicate the selected colorways.
Del/ Sup:	Delete the selected colorways.
Ctrl or ⌘ + I:	Information.
Ctrl or ⌘+ K:	Preferences.
Ctrl or ⌘+ Alt+N:	New color of library.
Ctrl or ⌘+ Alt+X:	Cut the selected colors of library.
Ctrl or ⌘+ Alt+C:	Copy the chosen colors of library.
Ctrl or ⌘+ Alt+Shift+C:	Add to the copy the selected colors of library.
Ctrl or ⌘+ Alt+V:	Paste the chosen colors of library.
Ctrl or ⌘+ Alt+D:	Duplicate the selected colors of library.
Alt+Del / Sup:	Delete the chosen colors of library.

Others:

Ctrl or. + '+':	Increase preview.
Ctrl or. + '-':	Decrease preview.
Ctrl or. + Shift+ '+':	Select next separation.
Ctrl or. + Shift + '-':	Select previous separation.
Ctrl or. + Z:	Undo an action.
Ctrl or. + and:	Redo an action.